



Operations Report

Masa Tanaka
15-May-2003
CDF Weekly Meeting



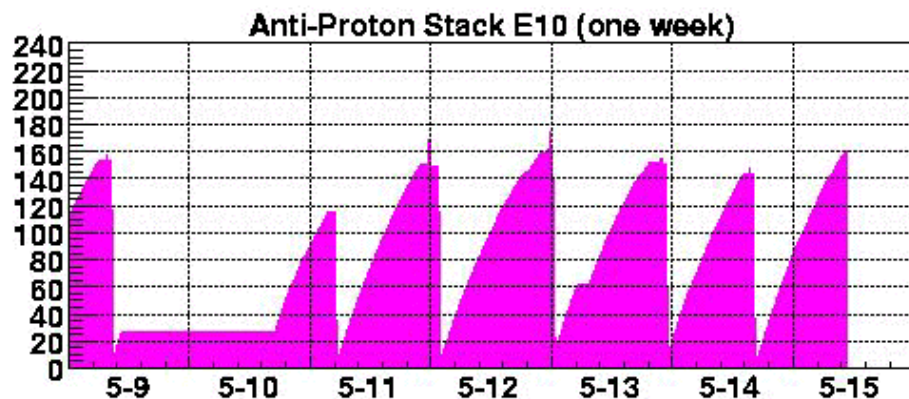
This Week's Stores

Date	Store	Duration (hours)	Initial L (10^{30})	Delivered (nb $^{-1}$)	Live (nb $^{-1}$)	ϵ
Th 5/8	2523	10.0 (L)	43.8	1075	988	91.9%
Fr 5/8	2529	13.2 (Q)	43.6	1276	1154	90.5%
Su 5/11	2536	17.0	31.0	1136	1026	90.3%
Mo 5/12	2538	19.7	47.1	1620	1468	90.7%
Tu 5/13	2540	18.6	45.3	1592	1457	91.4%
Tu 5/13	2542	0. (Q)	33. (D0)	0	0	0.
We 5/14	2546	9.7 (Q)	42.4	992	917	92.4%
Total				7.69 pb $^{-1}$	7.01 pb $^{-1}$	91.2%



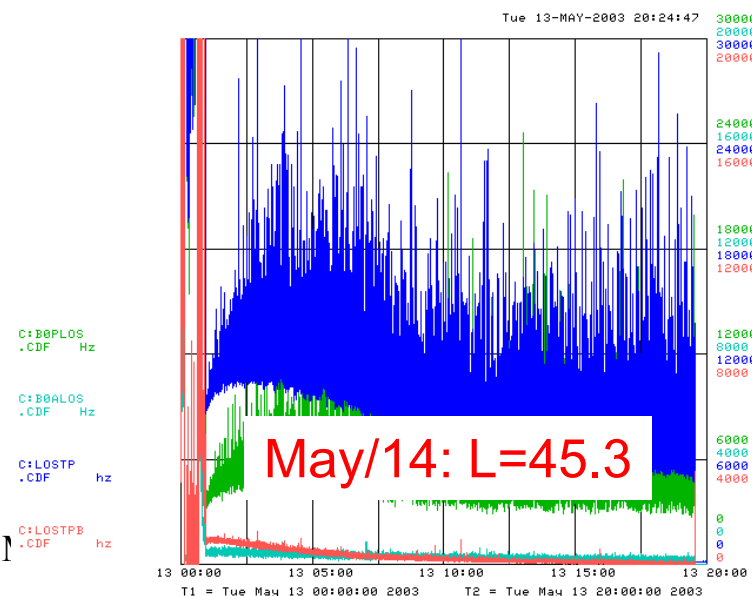
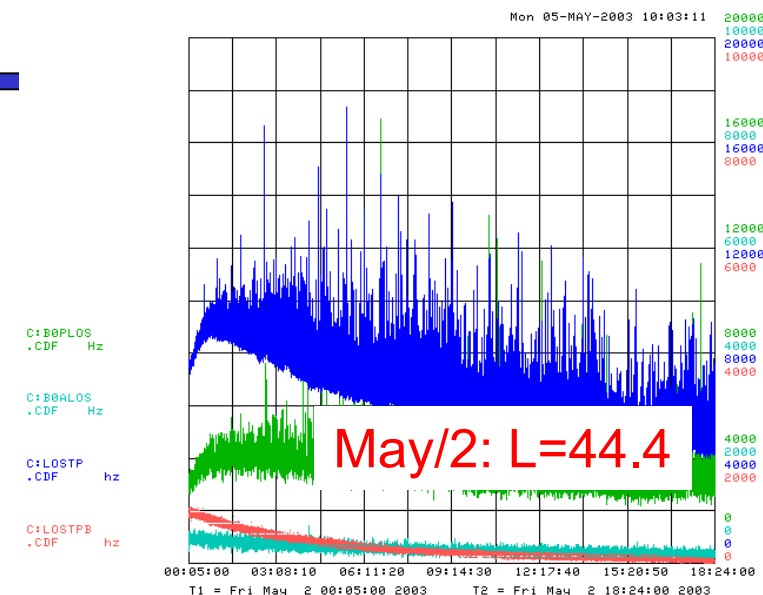
Accelerator status

- This week's operation
 - Stacked to 150 mA then next shot
 - 16~18 hours for stacking
 - Stable Initial luminosity: $45 \pm 2 \text{ e}30$
- Proton loss looks getting spiky
 - SVX warinig (Not yet serious level)



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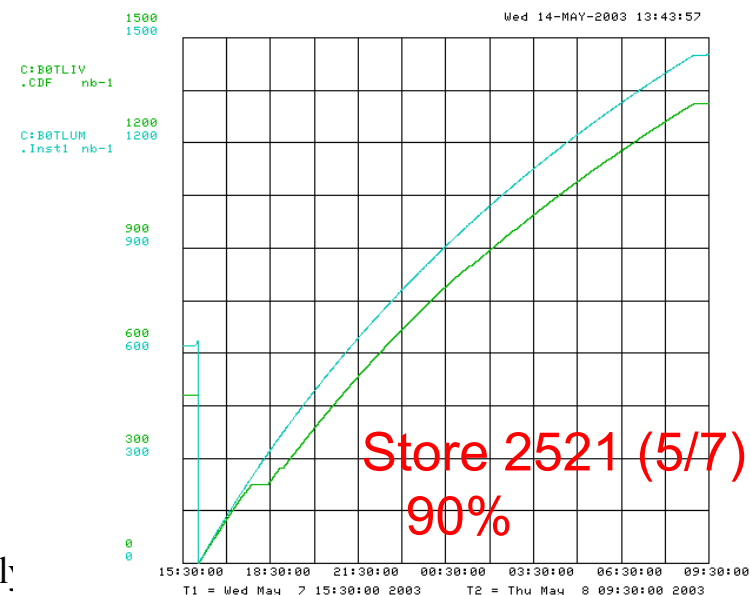
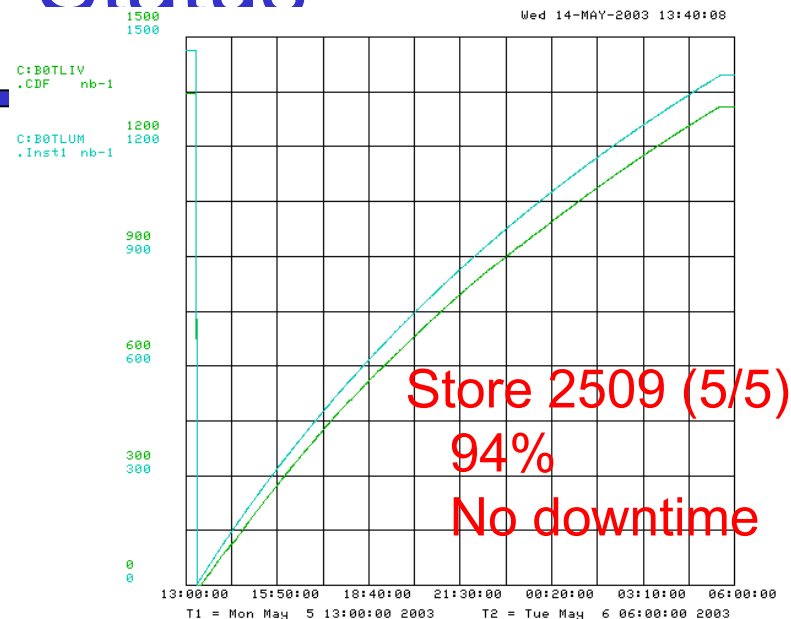
Masa Tanaka, CDF Weekly 1





Detector Status

- CDF is running fine
 - All stores this week: >90% efficiency
 - 10 out of 13 since May 1st
 - Si is in ~100% of the time (Julia's talk)
- Next goals
 - Prepare for the higher luminosity
 - Challenge: 90% → 95%
- We need
 - Minimize downtime!!
 - DAQ/Trigger improvement (JDL talk)
 - Tests/studies will cause the some downtime, but it's necessary for future.





Request to experts

- We realize experts need to do “TESTs” and “Changes” for future improvements,
- HOWEVER, please coordinate closely with us (Ops), write in e-log, return your system back in the good default data taking mode
- 2 stores in this week, we have problems for starting up the Run at the beginning of the store (2--3% effect for store data taking efficiency)



Summary/Plan

- Both Tevatron and CDF are working stably
- Stack and store this week
- We probably have acc. Study next week
 - CDF also has ~10 (minor) access requests